

# **DEVICES AND METHODS FOR PERFORMING AND ANALYZING SIMULTANEOUS CHEMICAL REACTIONS**

## **Abstract of Disclosure**

The present invention includes an array of flow-through, temperature-controlled reactor tubes containing reagents or catalysts that are prepared using combinatorial techniques. Reactant gases are passed through the reactor tubes at a controlled rate and the effluent reaction products are collected for analysis using a variety of analytical techniques. Analysis may be done in real-time, or at a later time.

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